

### ABSTRACT

5 A carton with an improved dispenser at an end of the carton which preserves  
the integrity of the carton when it is opened while permitting the bottom end flaps  
attached to the bottom panel to remain in place and also a portion of each side end  
flap that overlaps the bottom end flaps. This dispenser has a bottom tear line in the  
end of the carton which only extends partially across the end of the carton. The tear  
line extends upwardly from each side of the bottom tear line to form end retainers to  
10 prevent cans in the second row of the carton from rolling out. By placing the bottom  
tear line no higher from the bottom of the carton than necessary to retain a can in the  
bottom row and to make the end retainers on each side of the carton no larger than  
necessary to restrain a can in the second row from rolling out, easy access to the cans  
on the bottom row of containers is provided after the cans in the second and third  
15 rows of the carton have been removed. This dispenser may also provide a safety net  
for the first can dispensed.

The top tear line in the top panel for forming the dispenser flap is located from  
the exiting end of the carton at a distance that is significantly less than the diameter of  
a can to be contained in the carton. Preferably this distance is between 70 and 85% of  
20 the diameter of a container to be contained in the carton, but can be as short at 50% of  
the diameter of a container plus approximately three millimeters.